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TA Hall - Voice over IP (VoIP) Technology, Proceedings of SPIE, 2001 - w3.antd.nist.gov  
... produced by such codecs is also more sensitive to **packet loss**. ... The first stage of the algorithm uses **cross-correlation** between the **speech envelopes** of the ...

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[BOOK] [VoIP Service Quality: Measuring and Evaluating Packet-Switched Voice](#)

WC Hardy - 2003 - books.google.com

... Hybrid Transport (tp) 20 **Packet-Switched Telephony** (tel) 21 Interactive Multimedia Exchange (ime) 22 ... 21 1 Hybrid Transport 21 3 **Packet-Switched Telephony** 21 8 ...

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AW Rix, MP Hollier, AP Hekstra, JG Beerends - Journal of the Audio Engineering Society, 2002 - psytechnics.com

... delay estimate calculated by **envelope cross correlation** ... approach than using a **correlation** coefficient, which ... common to use **packet-switched** networks, typically ...

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... 70 2.2. 1 Statistical Channel **Correlation** Functions 74 ... 198 4.9. 1 Psd of a Complex **Envelope** 199 4.9.2 Psd of QAM 205 ... 284 6.5 **Switched** Combining 286 ...

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I Part - IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY, 1978 - ieeexplore.ieee.org

... Tobagi and L. Kleinrock, "**Packet switching** in radio ... signal phase difference, cross **correlation** coefficient of the received signal **envelopes**, and receiver ...

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... 4. Averaging Techniques for **Envelope** Estimation ... 4.3 Other Information from the Spatial **Correlation** Matrix ... is the ubiquity of **packet switched** networks driven by ...

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... post office based on information writ- ten on their **envelopes**. ... In **packet-based** networks, moreover, there is the ... between them until the cross-**correlation** (a math ...

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C Weinstein, M Malpass, M Fisher - Communications, IEEE Transactions on [legacy, pre-1988], 1980 - ieeexplore.ieee.org

... 9]. This model, however, assumes the **switch** position to ... thus also neglects the strong time **correlation** of the ... b ) rather than constant data **packet** lengths, the ...

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[An Introduction to Statistical Signal Processing with Applications](#) - all 2 versions »

MD Srinath - ieeexplore.ieee.org

... the usual example of **packet switching**, the ARPAnet ... Complex **envelope** flow diagrams

used to illustrate ... identification of Levinson partial **correlation** coefficient

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[An overview of digital telephony standards - all 2 versions »](#)

N Spencer - The Design of Digital Cellular Handsets (Ref. No. 1998/240), .... 1998 - [ieeexplore.ieee.org](#)

... This provides lower **envelope** fluctuation than standard QPSK ... The PN code has good **auto-correlation** properties and ... 0 Data (9.6 kbit/s) **Packet switched** data (PDC-P ...

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Method for talk/listen **determination** and multipoint conferencing system using such method - [all 2 versions »](#)

PV Tischler, B Clements - US Patent 5,768,263, 1998 - Google Patents

... by controller unit 16 is **voice activated** video switching ... Controller unit

talk/listen **determination** uses a dynamic threshold deter- ...

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**Voice** messaging system with **voice activated** prompt interrupt - [all 5 versions »](#)

MA Johnson, SA O'Brien, BT Wyman - US Patent 5,155,760, 1992 - Google Patents

... an echo estimate of similar **delay**, frequency ... signal exceeds a predetermined amplitude

**threshold** for ... **voice** messaging system with **voice activated** prompt/interrupt ...

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Primary transmission site switching in a multipoint videoconference environment based on human **voice** - [all 5 versions »](#)

J Maeng, PV Tischler, B Clements - US Patent 5,991,277, 1999 - Google Patents

... performed by controller unit 16 is **voice-activated** video switching ... level compared

to a variable **threshold** level ... **Voice** detection unit is coupled to audio memory ...

[Cited by 13](#) - [Related Articles](#) - [Web Search](#)

Techniques to synchronize **packet** rate in **voice** over **packet** networks

SH Lam - 2006 - freepatentsonline.com

... example, pitch detector 404 may be **activated** only when ... rate mismatches, the actual

amount of **voice** samples dropped ... to or less than the minimum **threshold** value. ...

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Method and system for improving the processing time of the path selection in a high speed **packet** ... - [all 6 versions »](#)

O Bertin, O Maurel - US Patent 5,600,638, 1997 - Google Patents

... and destination nodes in a **packet** switching network ... hop count paths with a transmission

**delay** less than ... c= CONNECTION REQUEST f= LENGTH THRESHOLD QOS = QUALITY ...

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An Integrated **Voice**/Data System for VHF/UHF Mobile Radio - [all 3 versions »](#)

S Mahmoud, WY Chan, J Riordon, S Aidarous - Selected Areas in Communications, IEEE Journal on, 1983 - [ieeexplore.ieee.org](#)

... The appropriate output circuit is then **activated**. ... Reducing the channel ,access rate for each **voice** source is ... A level **threshold** can detect the vowels and some ...

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**Voice** activity detection process and means for implementing said process - all 2 versions »

A DesBlache, C Galand, R Vermot-Gauchy - US Patent 4,672,669, 1987 - Google Patents

... Jankowski, Jr., "A New Digital **Voice-Activated** Switch ... is considered as deriving from **voice** signal, ie ... The **threshold** adjustment combined with spectral variations ...

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**Voice** and data exchange over a **packet** based network with timing recovery - all 6 versions »

H Li - US Patent 6,850,577, 2005 - Google Patents

... and modulating data signal **packets** from the **packet** based network ... Pulse Code Modulation (PCM) of **Voice** Frequencies, ITU ... at 16 kbit/s Using Low-**delay** Code Excited ...

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**Voice** and data exchange over a **packet** based network with fax relay spoofing - all 4 versions »

KC Kwan - US Patent 6,504,838, 2003 - Google Patents

... EGRESS iDHANGE **PACKETS** ... Systems, Terminal Equipments, "Pulse Code Modulation (PCM) of **Voice** Frequencies," ITU ... of Speech at 16 kbit/s Using Low-**Delay** Code Excited ...

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Method and apparatus to reduce latency in an automated speech recognition system

J Peck - 2005 - freepatentsonline.com

... and forwarding the buffered pre-**threshold** speech to ... after energy is detected (eg, **voice-activated** record/stream ... the temporal pattern of the **voice** conversation. ...

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